

100% Polyester Dry Wipes



Description

The heavyweight laser sealed edged Polyester wipes are double knit 100% continuous-filament polyester. All four edges are laser cut and sealed to prevent particle and fibre release.

Features

- Laser sealed edge ensures ultra low lint and particle level
- Good absorbency and wiping efficiency
- Resists abrasion under rigorous use
- Solvent safe, double bagged and vacuum cleanroom packed
- Available sterile by gamma irradiation



Applications

- Suitable for ISO class 4 – ISO class 6 cleanrooms
- Cleaning of surfaces to control submicron particles, fibres, and chemical residue

Technical Data - Performance Characteristics

Basis Weight	140 gsm
Thickness (micrometer)	0.48mm
Absorbency (IEST-RP-CC 004.3)	
Sorptive capacity	320ml/m ²
Rate (Drop Disappearance mtd.)	< 0.5 sec

Nonvolatile Residue, NVR (IEST-RP-CC 004.3, Analysis for Unspecified Extractable Matter)	
IPA Extractant	0.52mg/g
DIW Extractant	0.14mg/g
FTIR	NO Silicon Oil, Amide and DOP detected

ION Content (IEST-RP-CC 004.3, thorough extraction)	
Chloride (Cl)	0.000174 mg/g
Nitrates (NO ₃)	0.000019 mg/g
Nitrite (NO ₂)	0.000025 mg/g
Sulphate (SO ₄)	0.000083 mg/g
Sodium (Na)	0.000312 mg/g
Potassium (K)	0.000227 mg/g
Magnesium (Mg)	0.000049 mg/g
Calcium (Ca)	0.000021 mg/g

Releasable Particles	
LPC (> 0.5 um)	6.5 x 10 ⁶ particles/m ²
(IEST-RP-CC 004.3-orbital shake mtd)	
APC (Helmke Drum Test @10rpm); > 0.5 um	50 counts/pc./cfm -9"x 9"
(IES-RP-CC003.2)	9.71 x 10 ² counts/m ² /cfm

Product Code	Description	Pack Size	Additional Notes
RND 600-00184	9"x 9" 100% Polyester Wipes	Pack of 100	Non-Sterile